

TOP SECRET CHESS RUFF

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EXPANSION OF AIRFRAME PLANT CHKALOV 84B

TASHKENT, USSR

1. SIGNIFICANCE: CHRONOLOGICAL STUDY OF THE EXPANSION OF AIRFRAME PLANT CHKALOV 84B.
2. CHRONOLOGY: PLANT 84 WAS ESTABLISHED IN MOSCOW IN 1934 AND EVACUATED TO TASHKENT IN 1941 WHERE IT WAS RECONSTRUCTED IN THREE LOCATIONS (84-A-B-C). SINCE 1940 PLANT 84B (THE AIRFRAME AND FINAL ASSEMBLY PLANT OF THE PLANT 84 COMPLEX) HAS BEEN PRODUCING TRANSPORT AIRCRAFT INCLUDING:

1940-1953	LI-2 (CAB)
1953-1958	IL-14 (CRATE)
1958-1961	AN-8 (CAMP)
1961- -	AN-12 (CUB)
1962- -	AN-22 (COCK)

IN ADDITION TO THE PRODUCTION OF THE ABOVE TRANSPORT AIRCRAFT, PLANT 84B HAS BEEN INVOLVED WITH THE KA-22 CONVERTIPLANE (HOOP) PROGRAM. SINCE 1963, ATTACHES HAVE REPORTED SITINGS OF "HOOP" ABOVE AND AROUND TASHKENT AIRFIELD, THE PLANT FLYAWAY FIELD. THE PLANT WAS FIRST COVERED BY PHOTOGRAPHY IN [REDACTED] AND AT THAT TIME, IT CONTAINED APPROXIMATELY 730,000 SQ. FT OF FLOOR SPACE. THE FOLLOWING TABLE SUMMARIZES THE CHRONOLOGY OF PLANT CONSTRUCTION BETWEEN 1957-1965.

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	1957	(APPROX) 730,000 SQ FT
NEW CONST.	1957-1962	(APPROX) 874,000 SQ FT
NEW CONST.	1962-1963	(APPROX) 460,000 SQ FT
NEW CONST.	1963-1965	(APPROX) 750,000 SQ FT
TOTAL	1965	(APPROX) 2,800,000 SQ FT

AFTER THE INTERCEPT OF THE NOV 62 MESSAGE BETWEEN THE ANTONOV DESIGN BUREAU AND PLANT 84 INDICATING THAT THE AN-22 WAS UNDER CONSTRUCTION, A TIMING STUDY UNDERTAKEN OF THE PLANT CONSTRUCTION INDICATED THAT NEW FACILITIES AT THIS PLANT WERE TIED TO THE AN-22 PROGRAM. AS THE NEW FINAL ASSEMBLY BUILDING WAS COMPLETED IN EARLY 1962, WORK WAS BEGUN ON THE FIRST AN-22 PROTOTYPE. FURTHER, THE NEW PLANT AIRFIELD WAS OBVIOUSLY TIMED TO THE ROLL-OUT OF THE FIRST PROTOTYPE SINCE THE AIRCRAFT WAS OBSERVED IN SEP 64 AT KIYEV, THREE MONTHS AFTER THE AIRFIELD WAS REPORTED OPERATIONAL. PLANT 84B WAS CONFIRMED AS THE PRODUCTION PLANT FOR "COCK" IN 1965 WHEN PLANT 84 FACTORY MARKINGS FROM THE LANDING GEAR OF THE AIRCRAFT OBSERVED IN PARIS WERE ANALYZED.

PHOTOGRAPHY

REVEALED 2 "COCK" AIRCRAFT AT THE PLANT, ONE OF WHICH HAD OBVIOUSLY BEEN RECENTLY ROLLED-OUT, SINCE IT WAS NOT YET COMPLETE. THE FIRST AN-22 WAS OBSERVED APPROXIMATELY TWO AND ONE HALF YEARS AFTER THE FINAL ASSEMBLY BUILDING WAS COMPLETE AND THE SECOND WAS OBSERVED 13 MONTHS LATER.

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3. MISSION READOUT: [REDACTED] REPORTS CONSTRUCTION ACTIVITY IS HEAVY THROUGHOUT THE PLANT AREA. THE TWO LARGE BUILDINGS REPORTED AS BEING 75% COMPLETE ON [REDACTED] ARE NEARING COMPLETION. THE FOOTINGS FOR TWO NEW BUILDINGS VISIBLE ON KH 4018 ARE UNCHANGED, BUT NEW FOOTINGS FOR ONE LARGE AND TWO SMALL BUILDINGS ARE VISIBLE ON THE WEST SIDE OF THE OLD RUNWAY. A LARGE AIRCRAFT TEST REVETMENT HAS ALSO BEEN COMPLETED. AIRCRAFT: 2 COCK, 3 FAGOT/FRESCO, 22 CUB, 8 CRATE, 6 CAB, 2 HOOP, 2 HOUND, AND 3 SMALL STRAIGHT-WING AIRCRAFT.

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